

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	21	((("3252426") or ("3834836") or ("4077746") or ("3306209") or ("3846049") or ("4850544") or ("4097196"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/28 13:30
S2	24	((("6619325") or ("6578549") or ("6408972") or ("5076377") or ("4540221") or ("4540345") or ("4129063") or ("3963039") or ("3922854") or ("3791703"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/19 15:50
S3	22	("swash plate" or "wobble plate") and ("valve plate" with springs)	USPAT	OR	OFF	2006/11/28 13:36
S4	148	("swash plate" or "wobble plate") and ("valve plate" with springs)	USPAT	OR	ON	2006/12/05 15:51
S12	2	("20050172798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 09:39
S13	2	("5709535").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 14:24
S28	14	("1840864"   "2445281"   "3364679"   "3464206"   "4223594"   "4478134"   "5062267"   "5354180"   "5593291").PN. OR ("6959638").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 09:51
S29	7	("2445281").URPN.	USPAT	OR	OFF	2006/12/15 10:41
S30	11	("2722889"   "3364679"   "3464206"   "3498227"   "4939900").PN. OR ("5062267").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 10:51
S31	24	(US-3791703-\$ or US-6517321-\$ or US-6510699-\$ or US-4976284-\$ or US-4478134-\$ or US-5368450-\$ or US-5062267-\$ or US-6659733-\$ or US-6227814-\$ or US-5285641-\$ or US-6015269-\$ or US-6422831-\$ or US-5366351-\$ or US-5203803-\$ or US-5450987-\$ or US-6347927-\$ or US-6247391-\$ or US-6517323-\$ or US-4449444-\$ or US-4939900-\$ or US-3498227-\$).did. or (US-2445281-\$ or US-1840864-\$ or US-2722889-\$).did.	USPAT; USOCR	OR	OFF	2006/12/15 11:00

## EAST Search History

S32	0	S31 and hydrodynamic	USPAT; USOCR	OR	OFF	2006/12/15 11:01
S33	2	S31 and "compression spring"	USPAT; USOCR	OR	OFF	2006/12/15 11:51
S34	0	S31 and "conical spring"	USPAT; USOCR	OR	OFF	2006/12/15 11:03
S35	5	S31 and controller	USPAT; USOCR	OR	OFF	2006/12/15 11:05
S36	1	"swash plate" and (controller with parameter) and (parameter with rotation)	USPAT; USOCR	OR	OFF	2006/12/15 11:06
S37	4	"swash plate" and (controller with parameter) and (parameter with rotation)	USPAT; USOCR	OR	ON	2006/12/15 11:09
S38	13	"swash plate" and (controller same parameter) and (parameter same rotation)	USPAT; USOCR	OR	ON	2006/12/15 11:52
S39	37	"swash plate" and (hydrodynamic with bearing)	USPAT; USOCR	OR	ON	2006/12/15 12:27
S40	190	"swash plate" and (rotation with sensor)	USPAT; USOCR	OR	ON	2006/12/15 12:41
S41	178	pump and (rotation with (sensor or detector) with (tooth or teeth))	USPAT; USOCR	OR	ON	2007/02/19 16:24
S42	4	("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth))	USPAT; USOCR	OR	ON	2006/12/15 12:46
S43	4	("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth or groove))	USPAT; USOCR	OR	ON	2006/12/15 12:47
S44	5	("swash plate" or "wobble plate") and (rotation with (sensor or detector) with (tooth or teeth or groove or protrusion))	USPAT; USOCR	OR	ON	2006/12/15 12:47
S45	6	("5173032"   "5316446"   "5573379"   "5577894"   "5836748"   "6203284").PN. OR ("6517321"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 04:39
S46	41	((("3252426") or ("3306209") or ("3834836") or ("3846049") or ("4077746") or ("4097196") or ("4850544") or ("3791703") or ("3922854") or ("3963039") or ("4129063") or ("4540345") or ("4540221") or ("5076377") or ("6408972"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/19 06:16

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S47	30	(US-6347927-\$ or US-6247391-\$ or US-6227814-\$ or US-3791703-\$ or US-4939900-\$ or US-3498227-\$ or US-5203803-\$ or US-6517323-\$ or US-6015269-\$ or US-4449444-\$ or US-4508011-\$ or US-5366351-\$ or US-5368450-\$ or US-4976284-\$ or US-6547531-\$ or US-6510699-\$ or US-5749710-\$ or US-6659733-\$ or US-5062267-\$ or US-5285641-\$ or US-5450987-\$ or US-4478134-\$ or US-6517321-\$ or US-5205124-\$ or US-5850775-\$ or US-6422831-\$).did. or (US-4097196-\$).did. or (US-1840864-\$ or US-2445281-\$ or US-2722889-\$).did.	USPAT; USOCR	OR	OFF	2006/12/19 05:44
S48	2	hydrodynamic and S47	USPAT; USOCR	OR	OFF	2006/12/19 05:44
S49	1019	(417/222.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/19 06:16
S50	750	(417/222.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/19 06:16
S51	2554	(417/269).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/19 06:16
S52	2	("20050175442").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/19 15:57
S53	2	("6684655").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/19 15:57
S54	45	"swash plate" and (Hall with sensor)	USPAT; USOCR	OR	ON	2007/02/20 07:08
S55	73	"swash plate" and "hydraulic accumulator"	USPAT; USOCR	OR	ON	2007/02/20 07:08
S56	13	"swash plate" and "hydraulic accumulator" and (accumulator with spring)	USPAT; USOCR	OR	ON	2007/02/20 07:09

## EAST Search History

S57	80	("swash plate" or "wobble plate") and "hydraulic accumulator"	USPAT; USOCR	OR	ON	2007/02/20 07:11
S58	485	("swash plate" or "wobble plate") and accumulator	USPAT; USOCR	OR	ON	2007/02/20 07:12
S59	90	("swash plate" or "wobble plate") and (accumulator with spring)	USPAT; USOCR	OR	ON	2007/02/20 07:16
S60	32	("swash plate" or "wobble plate") and (accumulator with spring with piston)	USPAT; USOCR	OR	ON	2007/02/20 07:12
S61	18	("4594055"   "5176066"   "5415077"   "6012905"   "6012906"   "6092996").PN. OR ("6422831"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:42
S62	20	("4617853"   "4771676"   "4776257"   "4788902"   "4884952"   "4894045"   "5011377").PN. OR ("5176066").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:50
S63	24	("2168658"   "3246575"   "3604314"   "3657970"   "4602554").PN. OR ("4771676"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:57
S64	15	("2925046"   "3246577"   "4111103"   "4602554"   "4620475"   "4637293"   "4771676").PN. OR ("5520088").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 14:14
S65	9	("3125004"   "5520088"   "5813315").PN. OR ("5947003"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 14:17
S66	8	("4683804"   "5466737"   "5947003"   "6123009"   "6183137"   "6582200"   "6584886"   "6589021").PN. OR ("7021194"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 14:18
S67	32	("3006324"   "3395948"   "3793923"   "3863997"   "3933082"   "4244679"   "4261250"   "4263814"   "4285640"   "4307998"   "4329913"   "4381178"   "4420986").PN. OR ("4683804"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:07
S68	9	"5380167"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:07
S69	2	("5380167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/12 15:07

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S70	19	("1316679"   "3181475"   "3261216"   "3964323"   "4392788"   "4683803"   "4790727"   "5201261"   "5236312").PN. OR ("5380167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:13
S71	0	("swash plate" or "wobble plate") and ((shoe or slipper) with spigot)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:14
S72	2	("swash plate" or "wobble plate") and ((shoe or slipper) with insert with bearing)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:15
S73	110	("swash plate" or "wobble plate") and ((shoe or slipper) with project\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:16
S74	13	("3802232"   "4905577"   "5072655"   "5114261"   "5114263"   "5253947"   "5392693"   "5490446"   "5702660"   "5724733"   "5758566").PN. OR ("6343888").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:19
S75	15	("3125004"   "3221564"   "3455585"   "5013219"   "5392693"   "5469776"   "5490446"   "5601009").PN. OR ("5758566").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 15:38